

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102820\
 Data File : VD067439.D
 Acq On : 28 Oct 2020 17:51
 Operator : VA/SY
 Sample : L4530-01
 Misc : 4.90G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-54

Quant Time: Oct 29 01:21:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	331496	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	531175	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	523908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	251480	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	174493	52.54	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.08%	
35) Dibromofluoromethane	7.92	113	173190	48.99	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.98%	
50) Toluene-d8	10.34	98	623462	48.74	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.48%	
62) 4-Bromofluorobenzene	12.64	95	228061	51.27	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.54%	

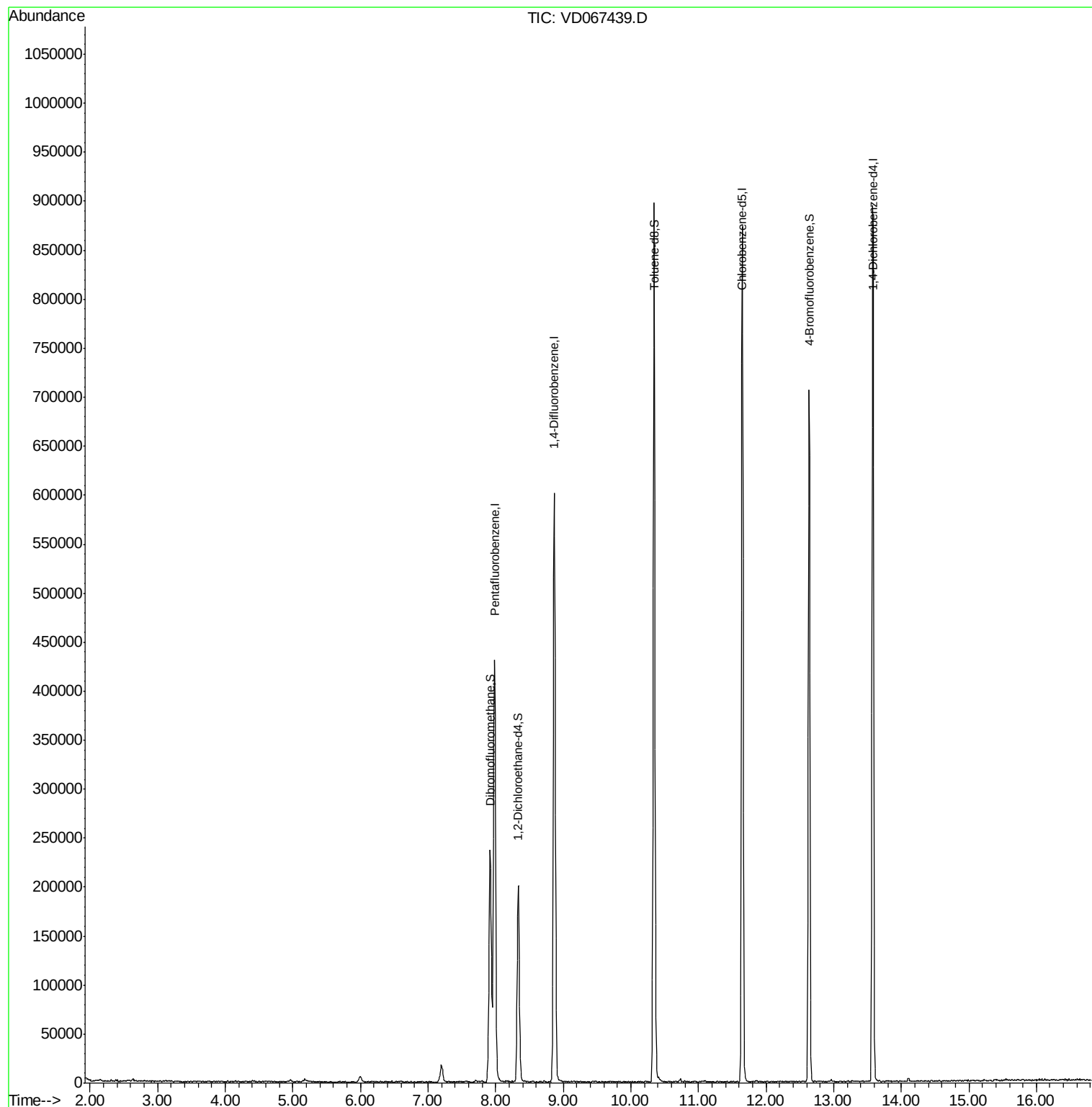
Target Compounds	Qvalue

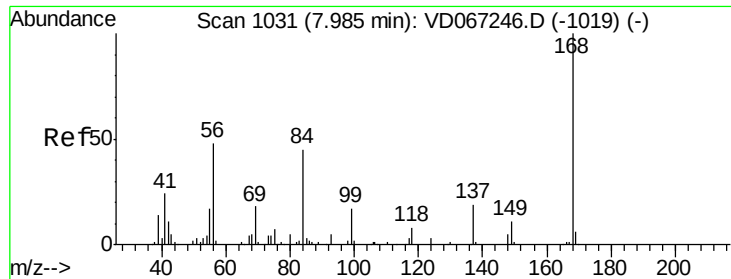
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067439.D

Acq: 28 Oct 2020 17:51

Instrument :

MSVOA_D

ClientSampleId :

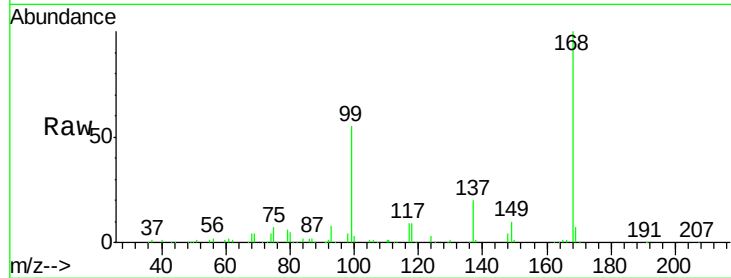
RBR-54

Tot Ion:168 Resp: 331496

Ion Ratio Lower Upper

168 100

99 54.6 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

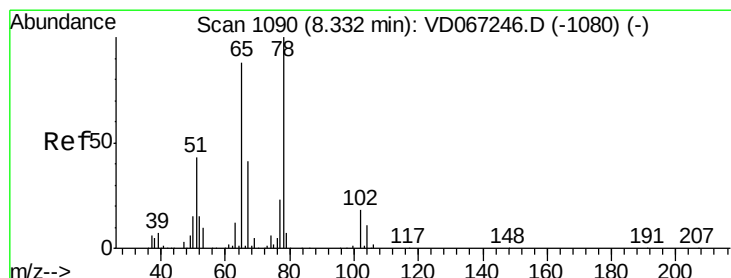
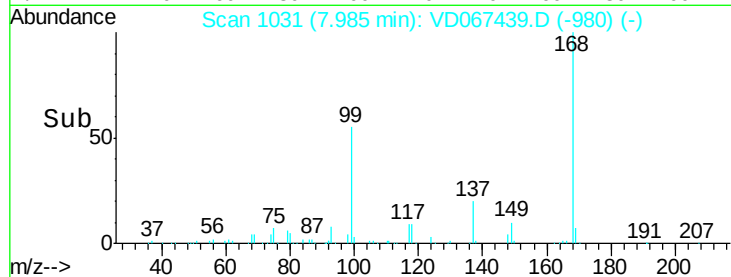
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.541 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067439.D

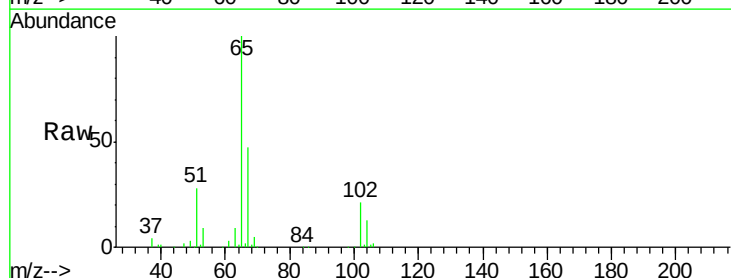
Acq: 28 Oct 2020 17:51

Tgt Ion: 65 Resp: 174493

Ion Ratio Lower Upper

65 100

67 49.7 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

80000

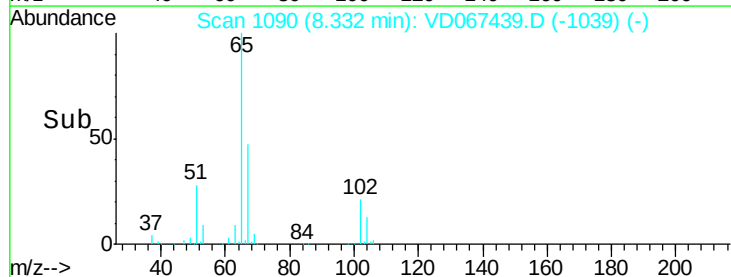
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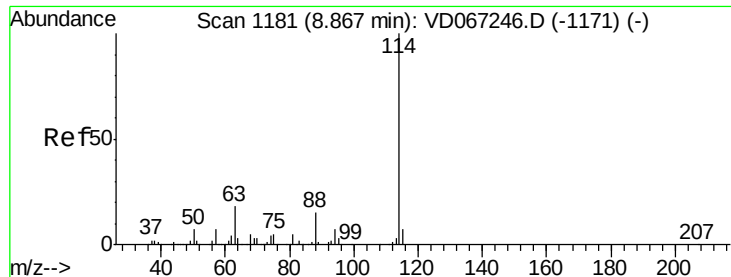
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Time-->

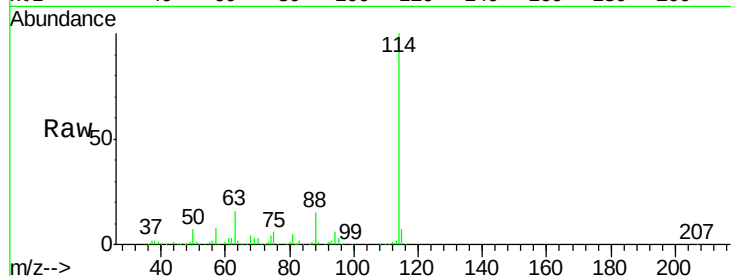




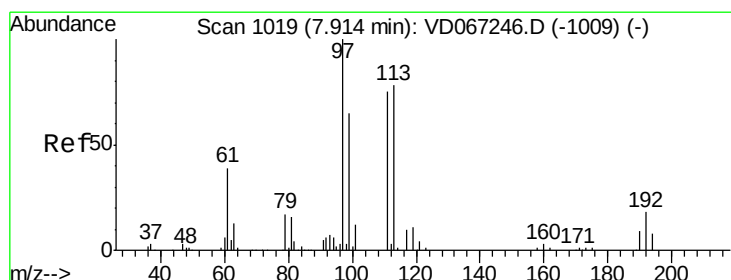
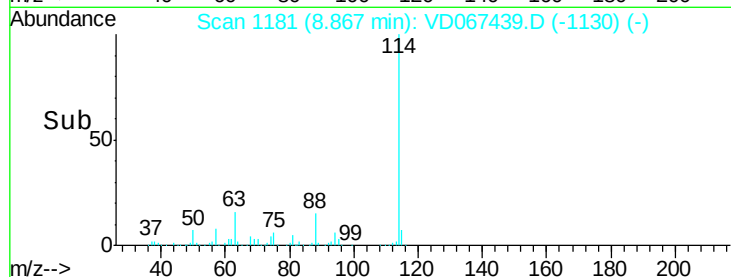
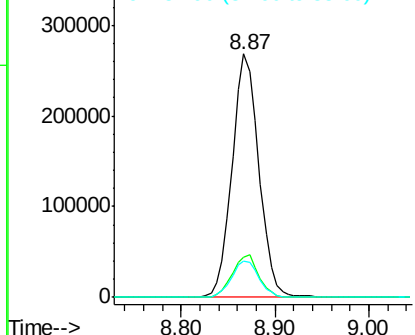
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067439.D
 Acq: 28 Oct 2020 17:51

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-54

Tot Ion	Ratio	Lower	Upper
114	100		
63	16.5	0.0	35.0
88	15.0	0.0	30.6

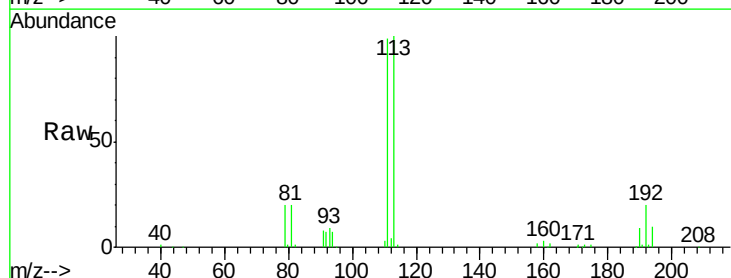


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

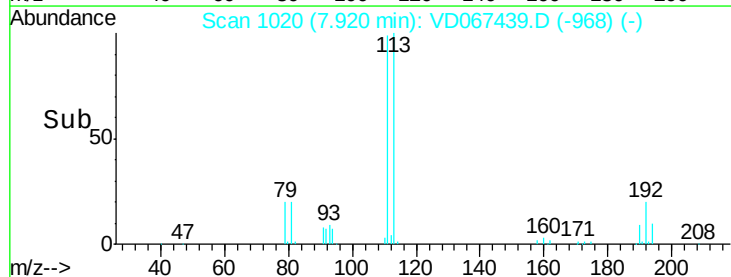
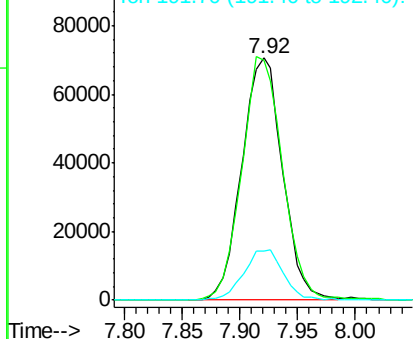


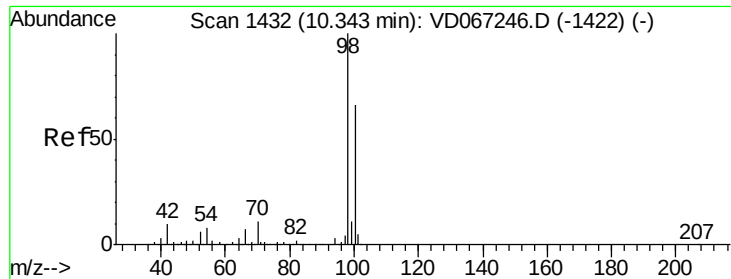
#35
 Dibromofluoromethane
 Concen: 48.993 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067439.D
 Acq: 28 Oct 2020 17:51

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.8	81.6	122.4
192	20.6	17.0	25.4



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

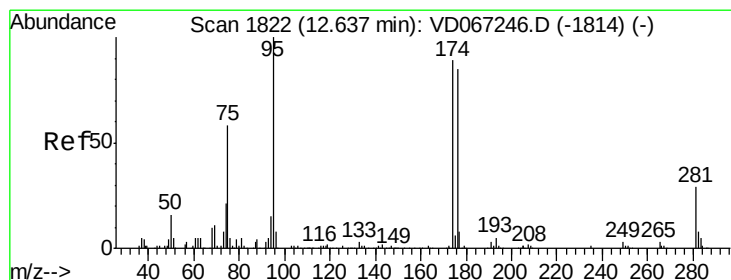
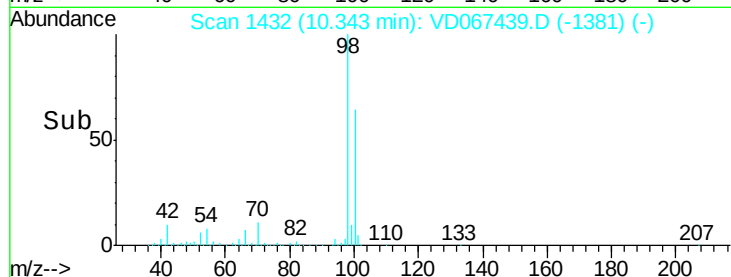
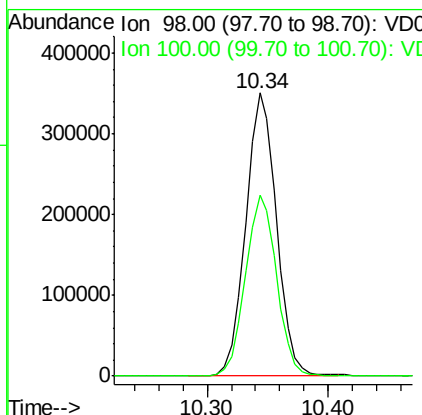
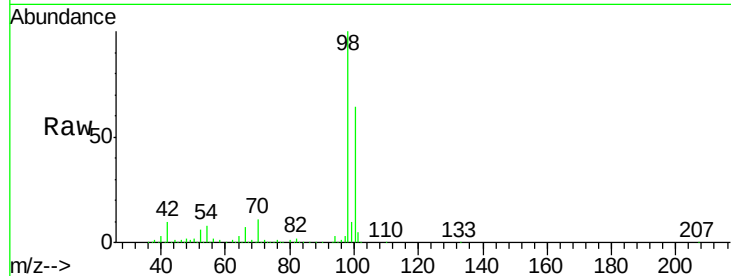




#50
Toluene-d8
Concen: 48.735 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067439.D
Acq: 28 Oct 2020 17:51

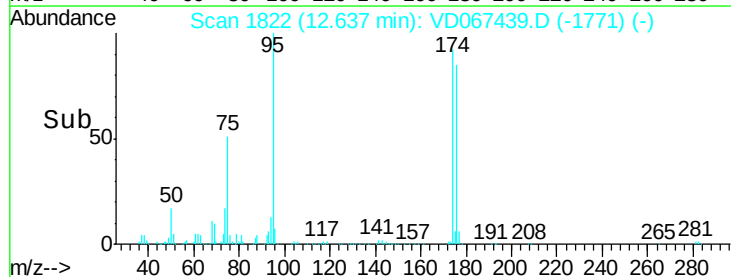
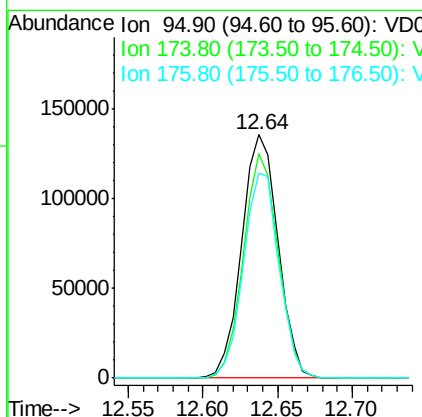
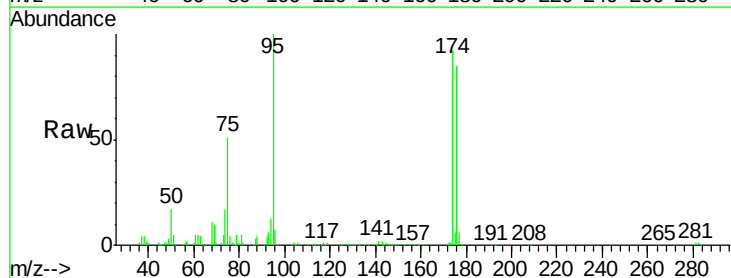
Instrument :
MSVOA_D
ClientSampleId :
RBR-54

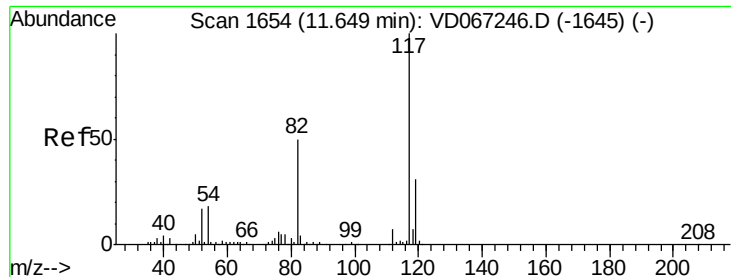
Tot Ion: 98 Resp: 623462
Ion Ratio Lower Upper
98 100
100 64.9 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 51.269 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067439.D
Acq: 28 Oct 2020 17:51

Tgt Ion: 95 Resp: 228061
Ion Ratio Lower Upper
95 100
174 88.4 0.0 175.2
176 82.9 0.0 168.6

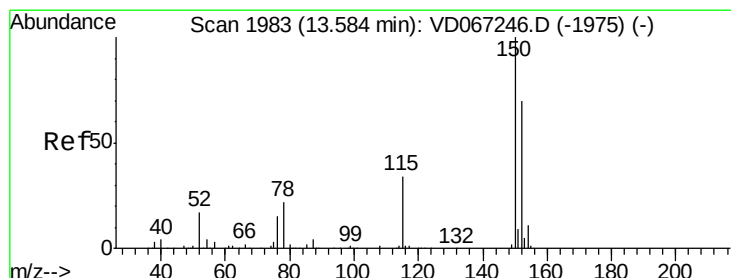
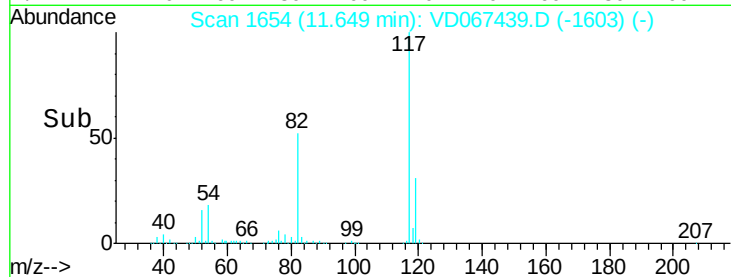
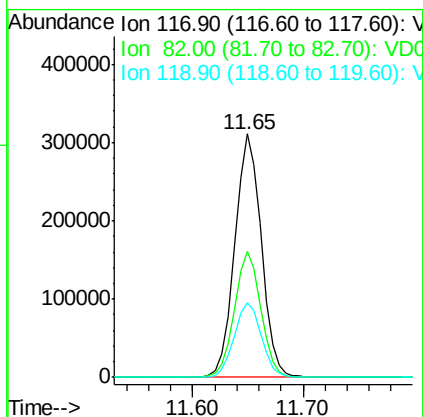
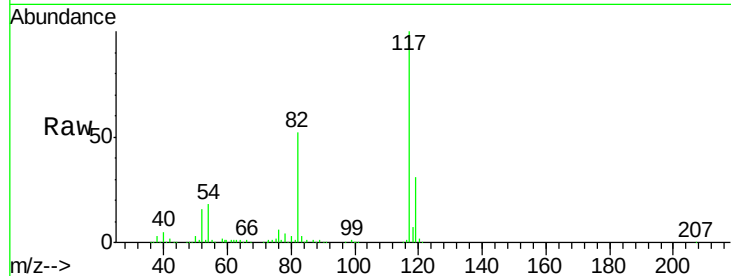




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067439.D
Acq: 28 Oct 2020 17:51

Instrument :
MSVOA_D
ClientSampled :
RBR-54

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.7	39.9	59.9
119	30.7	24.9	37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067439.D
Acq: 28 Oct 2020 17:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.0	29.3	87.9
150	160.2	0.0	339.0

